Appl. No. 10/603,371

Amdt. dated April 18, 2007

Responsive to Office Action dated October 18, 2006

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the

application:

Listing of Claims:

1.(Currently Amended) An electrically powered hammer comprising:

a hammering mechanism;

a rotatingly driven intermediate shaft including a set of drive teeth;

a wobble drive arrangement for reciprocatingly driving the hammering

mechanism, which wobble drive arrangement includes a wobble sleeve mounted on

the intermediate shaft and the wobble sleeve includes a set of driven teeth; and

a mode change element selectively engageable, by movement along the

intermediate shaft, such that when the mode change element is engaged with the drive

teeth and the driven teeth then rotary drive is transmitted from the intermediate shaft

to the wobble sleeve; the mode change element is formed integrally with an axial stop

surface and the axial stop surface is engageable with a cooperating end stop surface

formed integrally with one of the intermediate shaft and the wobble sleeve to limit the

movement of the mode change element along the intermediate shaft; the mode change

element including an engagement surface; and

a mode change actuator including a cooperating engagement surface, and the

mode change actuator is user selectable between a first position wherein the mode

change element is engaged with both the drive teeth and the driven teeth and a second

position wherein the mode change element is not engaged with the drive teeth, and

when in the second position the cooperating engagement surface of the mode change

actuator engages the engagement surface of the mode change element to prevent

friction induced rotation of the wobble drive arrangement.

2. (Original) A hammer according to claim 1 wherein the axial stop surface engages

with the cooperating end stop surface when the mode change element engages both

sets of teeth.

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3. (Original) A hammer according to claim 2 wherein the mode change element is

moved in a first direction along the intermediate shaft to engage both the drive teeth

and the driven teeth, and the cooperation of the axial stop surface and cooperating end

stop surface limits the movement of the mode change element further along the

intermediate shaft in the first direction.

4. (Original) A hammer according to claim 1 wherein the cooperating end stop

surface is formed by one or more end faces of one of the set of drive teeth and the set

of driven teeth.

5. (Original) A hammer according to claim 1 wherein the axial stop surface is formed

by an end surface of one or more recesses, which recesses extend axially with respect

to the longitudinal axis of the intermediate shaft and are formed in a face of the mode

change element facing towards the intermediate shaft.

6. (Original) A hammer according to claim1 wherein the mode change element is

non-rotatably and axially slideable mounted on one of the set of the drive teeth and the

set of the driven teeth.

7. (Original) A hammer according to claim 1 and further including a spring member

which biases the mode change element into engagement with both the set of drive

teeth and the set of driven teeth.

8. (Original) A hammer according to claim 7 wherein the spring member extends

between a flange formed on the mode change element and a bearing ring for rotatably

supporting the intermediate shaft in the housing.

9. (Original) A hammer according to claim 8 wherein the bearing ring forms an outer

race for a set of balls which run between the outer race and an inner race formed in an

external surface of the wobble sleeve.

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10. (Original) A hammer according to claim 1 and further including a housing and a hollow cylindrical spindle mounted within the housing.

11. (Original) A hammer according to claim1 wherein the mode change element is formed as at least a portion of a ring and is mounted co-axially with the intermediate shaft.

12. (Original) A hammer according to claim1 wherein the mode change element is non-rotatably and axially slideably mounted on the intermediate shaft drive teeth.

13. (Original) A hammer according to claim 12 wherein the axial stop surface of the mode change element engages with a cooperating end stop formed on the wobble sleeve.

14. (Original) A hammer according to claim 1 wherein the mode change element is non-rotatably and axially slideably mounted on the wobble sleeve driven teeth.

15. (Original) A hammer according to claim 14 wherein the axial stop surface of the mode change element engages with a cooperating end stop surface formed on the intermediate shaft.

16. (Original) A hammer according to claim 14 and further including a spring member which biases the mode change element towards engagement with the intermediate shaft drive teeth.

17. (Cancelled)

18. (Original) A hammer according to claim 1 wherein the mode change element includes at least one axially extending recess formed in a radially inwardly directed surface of the mode change element, and an axial stop surface formed in the axially extending recess, and wherein the axially extending recess is engageable with both the set of drive teeth and the set of driven teeth.

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19. (Original) A hammer according to claim 1 and further including a tool holder assembly, for holding a tool or bit so as to enable limited reciprocation of the tool or bit within the tool holder.